

V3WDJ0M/N0LLD0X0



opbouwarmatuur voor wandmontage • langwerpig

Toepassing : Onderwijs ? Klaslokalen, Kantoren ?
Receptie, Kantoren ? Bureau, Kantoren ?
Vergaderruimte, Kantoren ? Gang

behuizing: gelakt aluminium

lichtbron : led • 4000 K

optiek : diffusor • Opaal acrylaat (PMMA) •
breedstralend

UGR classificatie : <=19

lichtstroom: 10200 lm

efficiëntie : 135 lm/W

Product information

Mechanische eigenschappen

afmetingen : 2803 mm x 60 mm x 90 mm

kleur: RAL9005 - zwart

type : individueel armatuur

IP: IP20

IK: IK07

Elektrische uitrusting

driver: DALI dimbaar

opgenomen vermogen : 75.8 W

spanning : 220-240V

frequentie : 50-60Hz AC

fotobiologische veiligheid : EN 62471: RISK GROUP 1
UNLIMITED

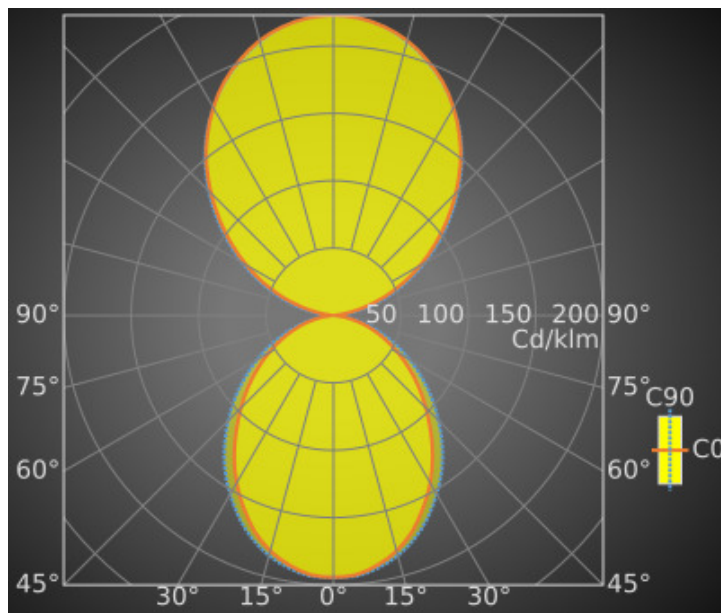
Luminantie

lichtstroom : 10200 lm

efficiëntie : 135 lm/W

UGR classificatie =: <=19

lichtgevende oppervlakte : 0.16 m²



Average Luminances (Cd/m²) for 10200lm

Gamma	C0	C30	C45	C60	C90
45°	8607	8886	9159	9444	9774
50°	8060	8334	8592	8915	9278
55°	7505	7754	8040	8353	8730
60°	6949	7179	7471	7782	8169
65°	6370	6610	6881	7196	7563
70°	5739	5961	6204	6517	6886
75°	5013	5178	5392	5689	6082
80°	4076	4234	4397	4643	5031
85°	2772	2936	3128	3379	3794

Classificaties

CIE: 239 / 374 / 436 / 450 / 1000

CIE FLUXCODE : 0.53 / 0.83 / 0.97 / 0.45 / 1.00

BZ: BZ4/1.25/BZ3/1.5/BZ4

CAE: Symmetrical

DIN: C42 (Nach Arbeitsblatt 7 und 8)

DIN_U: Phi u = 0.45

DIN_SU: Phi su = 0.59

UTE: 0.45 D + 0.55 T

Lichtsterkten in cd

Intensity for 10200lm							
Gamma	C0	C45	C90	Gamma	C0	C45	C90
0°	1980.0	1980.0	1980.0	90°	2.2	3.3	8.8
5°	1969.7	1974.0	1980.5	95°	20.3	30.4	61.9
10°	1918.8	1927.8	1940.4	100°	114.7	144.6	174.1
15°	1844.0	1858.9	1882.5	105°	255.3	287.1	311.4
20°	1740.5	1765.7	1796.7	110°	413.6	445.1	464.6
25°	1605.7	1647.4	1688.8	115°	582.1	613.5	626.5
30°	1464.6	1514.1	1562.1	120°	758.0	785.7	798.3
35°	1308.9	1369.3	1429.6	125°	938.1	964.6	974.6
40°	1144.6	1211.8	1280.5	130°	1123.2	1147.1	1153.6
45°	988.4	1051.8	1122.3	135°	1309.5	1329.1	1335.7
50°	841.4	896.9	968.5	140°	1494.7	1503.7	1509.8
55°	699.1	748.9	813.2	145°	1663.3	1672.4	1672.8
60°	564.2	606.7	663.4	150°	1815.5	1819.8	1813.2
65°	437.2	472.2	519.1	155°	1952.4	1951.5	1938.3
70°	318.7	344.6	382.5	160°	2061.0	2062.2	2045.7
75°	210.7	226.6	255.6	165°	2154.6	2153.2	2135.1
80°	115.0	124.0	141.9	170°	2217.8	2214.0	2216.5
85°	39.2	44.3	53.7	175°	2258.1	2257.0	2256.1
90°	2.2	3.3	8.8	180°	2272.1	2272.1	2272.1

UGR classificatie =

Corrected Glare Ratings for a Total Lamp Flux of 10200lm (S = 0.25H)

	Room Reflection Factors (%)									
Ceiling	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor	20	20	20	20	20	20	20	20	20	20
Room Dimensions	Viewed Crosswise					Viewed Endwise				
X = 2H Y = 2H	15.3	16.2	16.3	17.2	18.1	16.1	17.0	17.0	17.9	18.8
Y = 3H	16.4	17.2	17.4	18.2	19.1	17.3	18.1	18.3	19.1	20.0
Y = 4H	16.8	17.5	17.7	18.5	19.4	17.7	18.5	18.7	19.4	20.4
Y = 6H	17.0	17.6	18.0	18.6	19.6	17.9	18.6	18.9	19.6	20.6
Y = 8H	17.0	17.7	18.0	18.7	19.6	18.0	18.7	19.0	19.7	20.6
Y = 12H	17.0	17.6	18.0	18.6	19.6	18.0	18.6	19.0	19.6	20.6
X = 4H Y = 2H	15.8	16.5	16.7	17.5	18.4	16.4	17.1	17.4	18.1	19.0
Y = 3H	17.0	17.6	18.0	18.6	19.6	17.8	18.4	18.8	19.4	20.3
Y = 4H	17.5	18.0	18.5	19.0	20.0	18.3	18.8	19.3	19.8	20.8
Y = 6H	17.7	18.2	18.8	19.3	20.2	18.6	19.1	19.6	20.1	21.1
Y = 8H	17.8	18.2	18.8	19.3	20.3	18.7	19.1	19.7	20.2	21.2
Y = 12H	17.8	18.2	18.8	19.2	20.2	18.7	19.1	19.8	20.2	21.2
X = 8H Y = 4H	17.6	18.0	18.6	19.1	20.1	18.3	18.8	19.4	19.8	20.8
Y = 6H	18.0	18.3	19.0	19.4	20.4	18.8	19.1	19.8	20.2	21.2
Y = 8H	18.1	18.4	19.1	19.4	20.5	18.9	19.2	20.0	20.3	21.3
Y = 12H	18.1	18.4	19.2	19.4	20.5	19.0	19.2	20.0	20.3	21.3
X = 12H Y = 4H	17.6	18.0	18.6	19.0	20.0	18.3	18.7	19.3	19.7	20.7
Y = 6H	18.0	18.3	19.0	19.3	20.4	18.7	19.1	19.8	20.1	21.1
Y = 8H	18.1	18.4	19.2	19.4	20.5	18.9	19.2	20.0	20.2	21.3
	UGR Variations with Observer Position for Luminaire Spacings S									
S = 1.0H	+0.1		-0.2			+0.1		-0.2		
S = 1.5H	+0.3		-0.5			+0.2		-0.5		
S = 2.0H	+0.5		-0.9			+0.6		-0.8		

Kleureigenschappen

Correlated Colour Temperature : 4000

Ra: CRI (Ra) 80



Rendement

Utilisation Factors according to IES (%)										
	Room Reflection Factors (%)									
Ceiling	80	80	80	50	50	50	30	30	30	0
Walls	50	30	10	50	30	10	50	30	10	0
Floor	20	20	20	20	20	20	20	20	20	0
RCR = 1	94	92	90	71	70	69	58	57	56	38
2	83	79	76	63	60	58	51	49	48	33
3	74	68	64	56	52	50	45	43	41	28
4	65	59	55	50	46	43	41	38	35	24
5	58	52	47	45	40	37	37	33	31	21
6	52	45	41	40	36	32	33	30	27	19
7	47	40	35	37	32	28	30	27	24	17
8	43	36	31	33	29	25	28	24	21	15
9	39	32	28	31	26	22	26	22	19	13
10	36	29	25	28	23	20	24	20	17	12

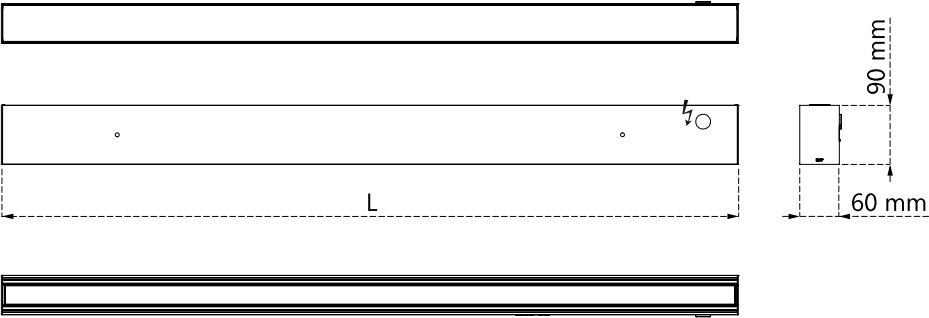
Utilisation Factors according to LiTG (%)										
	Room Reflection Factors (%)									
Ceiling	80	80	80	50	50	50	50	50	30	0
Walls	50	30	50	30	50	30	50	30	30	0
Floor	30	30	10	10	30	30	10	10	10	0
k = 0.60	42	34	40	33	33	28	32	27	23	15
0.80	52	44	49	42	41	35	39	34	29	19
1.00	60	51	56	49	47	41	44	39	34	23
1.25	68	60	63	56	53	47	50	45	38	26
1.50	74	66	67	61	57	52	53	49	42	29
2.00	82	75	74	68	62	58	58	55	46	32
2.50	88	81	78	73	67	63	62	59	49	35
3.00	93	86	81	77	70	66	64	61	52	37
4.00	98	92	84	81	73	70	67	65	54	38
5.00	101	97	87	84	75	73	69	67	56	39

Accessoires

V3H2700 *Beugel voor wandmontage*



Maatschets



CODE	L
V3WD*0*/*2*	560 mm
V3WD*0*/*3*	843 mm
V3WD*0*/*4*	1123 mm
V3WD*0*/*5*	1403 mm
V3WD*0*/*6*	1683 mm
V3WD*0*/*7*	1963 mm
V3WD*0*/*8*	2243 mm
V3WD*0*/*9*	2523 mm
V3WD*0*/*0*	2803 mm